Indiana Department of Environmental Management
Office of Water Quality
Wetlands Section

Publication Date:
March 24, 2010

Closing Date:
April 13, 2010

PUBLIC NOTICE

IDEM ID Number:
2010-103-65-JWR-A

Corps of Engineers ID Number:
Not Available

To all interested parties:

This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

1. Applicant: Mr. Michael Holley
U.S. Army Corps of Engineers
P.O. Box 59—PM-P-E
Louisville, KY 40201-0059

2. Agent:

3. Project location: South ½, Section 28, Township 8 South, Range 14 West, Posey County, Uniontown USGS.
The project is located at the John T. Meyers Locks and Dam located on Raben Road and the Ohio River.

4. Affected waterbody: Ohio River and adjacent scrub shrub wetland

5. Project Description: The applicant proposes to dredged approximately 50,000 cubic yards of material from the Ohio River and excavate 110,000 cubic yards of stream bank material in order to prepare the site for a navigational lock extension. The excavated and dredged material will be discharged into a 17 acre sediment basin constructed adjacent to the excavated stream banks. The 17 acre disposal area contains approximately 1.0 acre of scrub shrub wetland that will be filled with the excavated and dredged material. Upon completion of the river dredging and bank excavation activities, the applicant will discharge riprap along 1,200 linear feet of stream bank for bank stabilization activities and install 3 submerged dikes. The dikes will be constructed of large boulders and will be submerged 12 feet in depth and placed perpendicular to river flow. The purpose of the dikes is to alter the river flows to allow for barge traffic to negotiate the lock chambers. As compensatory mitigation for the proposed wetland impacts, the applicant proposes to construct a 3 acre scrub shrub wetland on property owned by the Indiana Department of Natural Resources. For additional information please visit the following webpage: http://www.in.gov/idem/6393.htm.

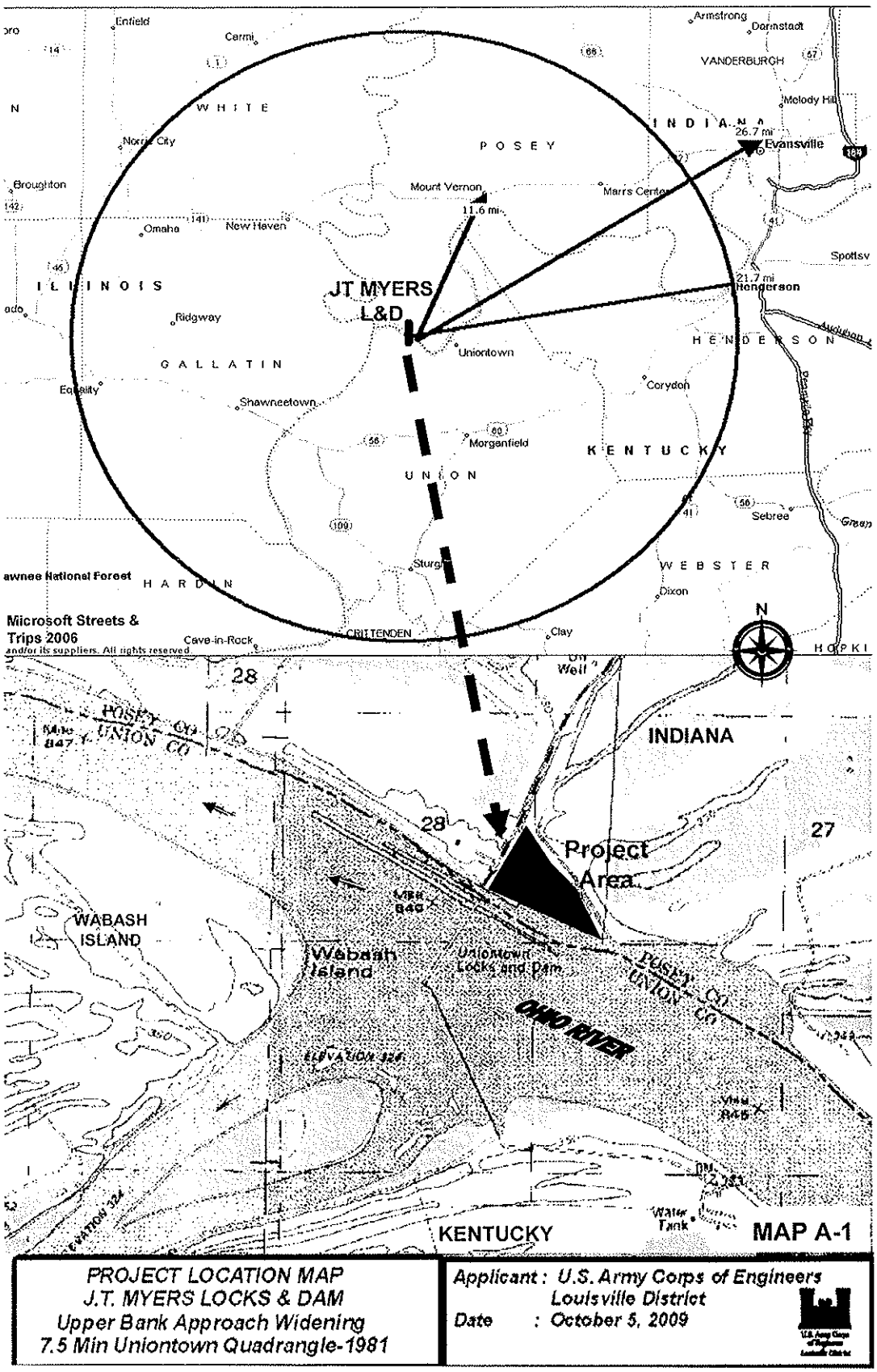
Comment period: Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.

Public Hearing: Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

Questions?

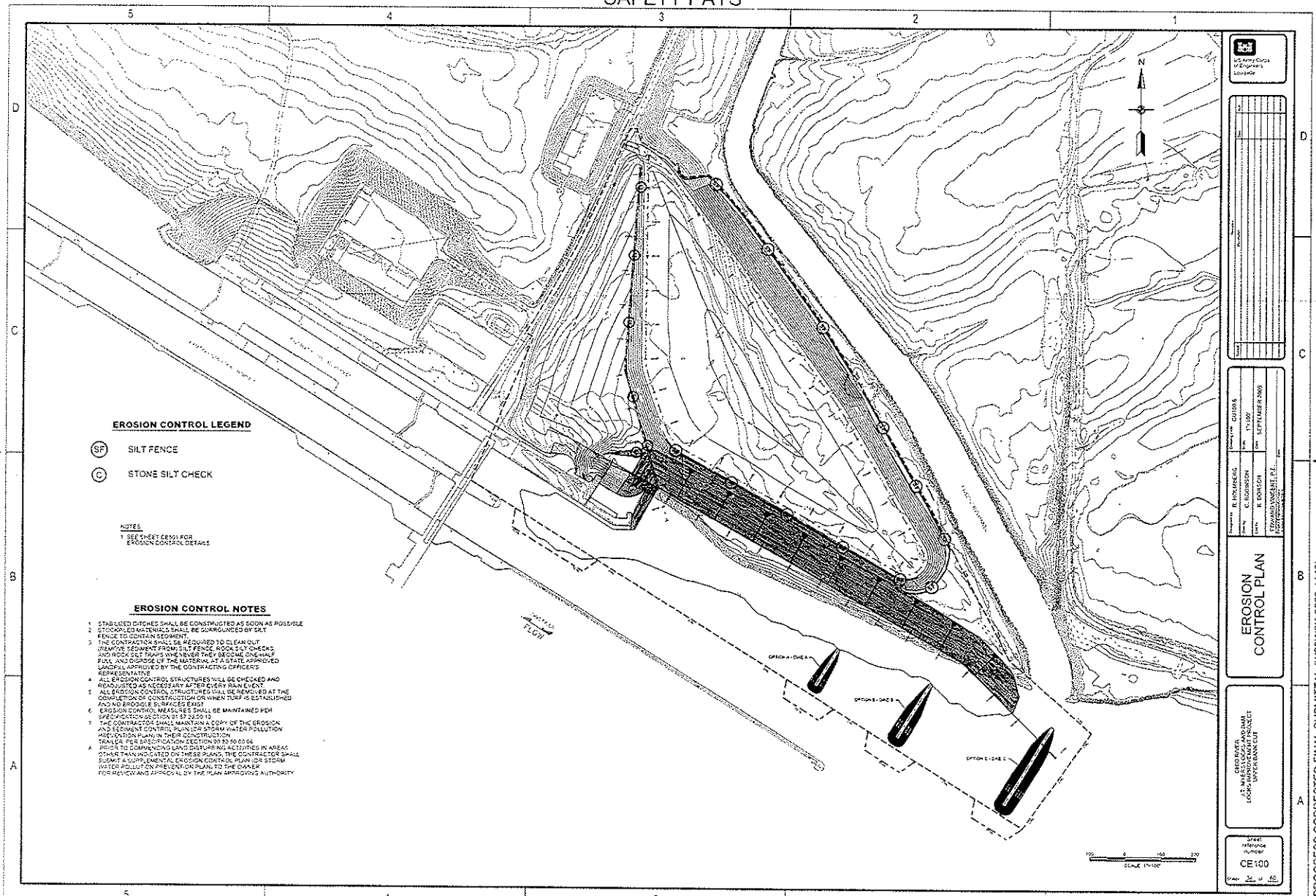
Additional information may be obtained from Mr. Jason Randolph, Project Manager, at 317-233-0467. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

Indiana Department of Environmental Management
100 North Senate Avenue
MC65-42 WQS IGCN 1255
Indianapolis, Indiana 46204-2251
FAX: 317/232-8406

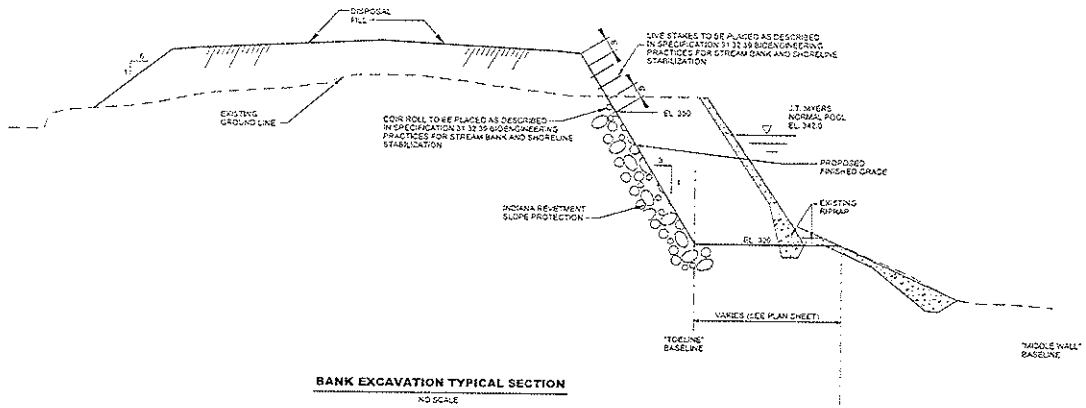


PROJECT LOCATION MAP
J.T. MYERS LOCKS & DAM
Upper Bank Approach Widening
7.5 Min Uniontown Quadrangle-1981

Applicant : U.S. Army Corps of Engineers
Louisville District
Date : October 5, 2009



*** SAFETY PAYS ***



BANK EXCAVATION TYPICAL SECTION

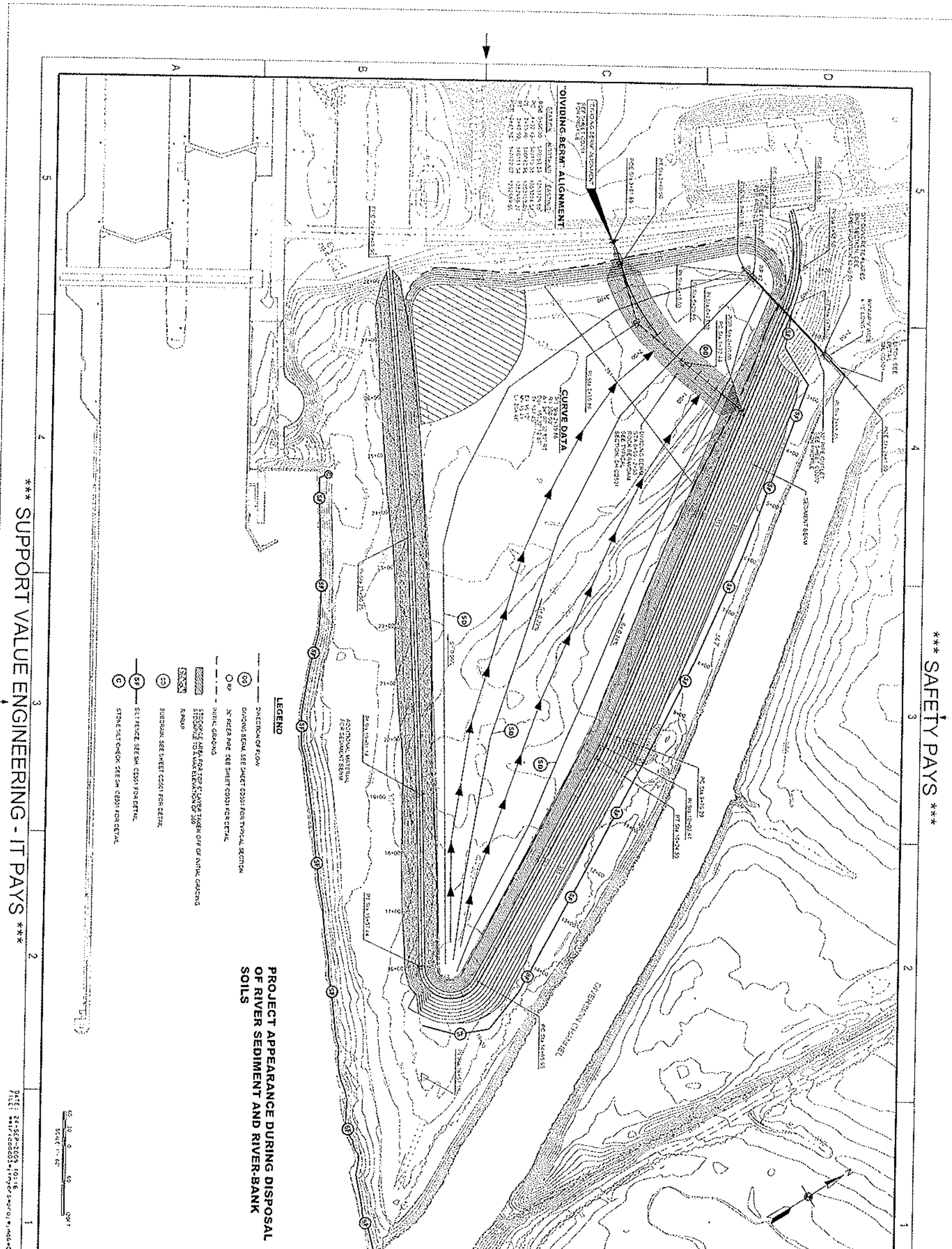
NO SCALE

TYPICAL BANK CUT SECTION

CG502

IN-PROGRESS CORRECTED FINAL SUBMITTAL (W22W9K-9259-1143)

*** SUPPORT VALUE ENGINEERING - IT PAYS ***



OHIO RIVER
J.T. MYERS LOCKS AND DAM
LOCKS IMPROVEMENT PROJECT
UPPER BANK CUT

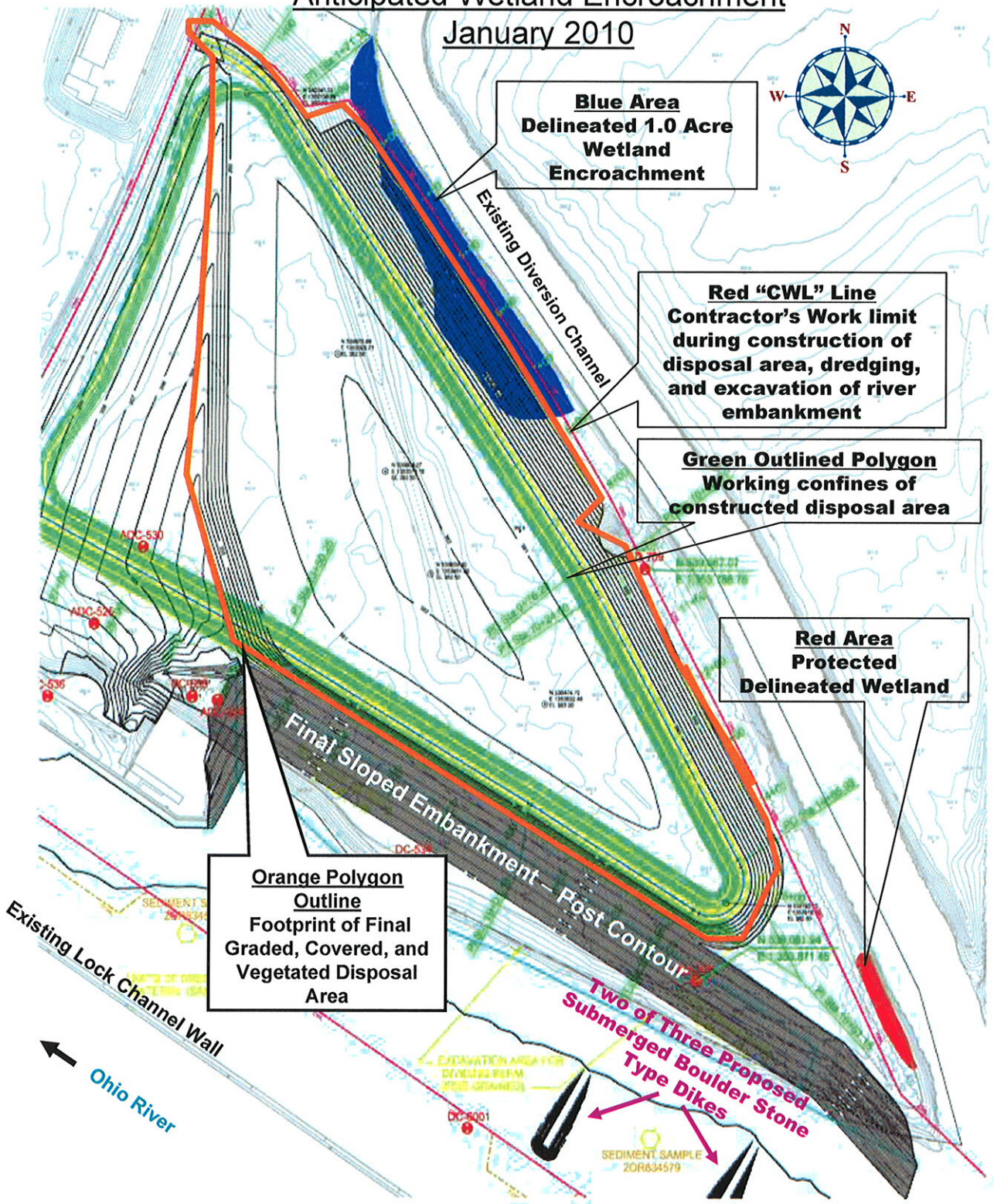
SEDIMENT FILTRATION PLAN

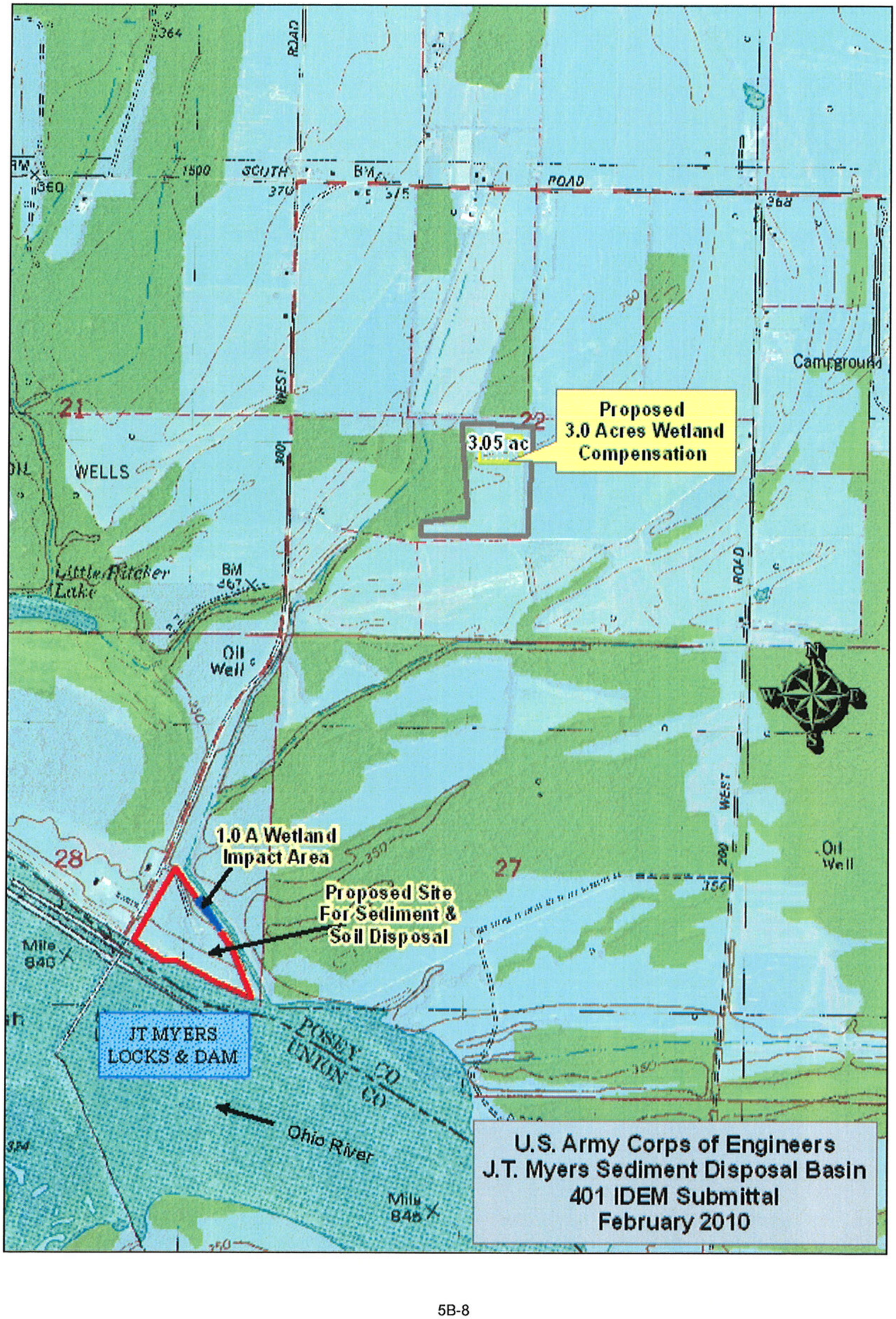
Designed by: R. HOLMBERG
Drawn by: C. ROBINSON
Checked by: K. DORSCH
EDWARD VINCENT, P.E.
Drawing code: OU1096
Scale: 1"=60'
Date: SEPTEMBER 2009

Sheet reference number: CD102
Sheet 11 of 66

IN-PROGRESS CORRECTED FINAL SUBMITTAL (W22W9K-9259-1143)

U.S. Army Corps of Engineers – Louisville District
J.T. Myers Upper Approach Bank Widening
Anticipated Wetland Encroachment
January 2010




Proposed
3.0 Acres Wetland
Compensation
3.05 ac
1.0 A Wetland
Impact Area
Proposed Site
For Sediment &
Soil Disposal
JT MYERS
LOCKS & DAM
Ohio River
POSEY CO
UNION CO
WELLS
Campground
Oil
Well
ROAD
SOUTH
WEST
21
22
27
28
U.S. Army Corps of Engineers
J.T. Myers Sediment Disposal Basin
401 IDEM Submittal
February 2010

Unlimited. The intent of infusing ground water into the wetland is not a matter of maintaining hydric conditions. The INDNR, requires an ideal water depth within this wetland compensation area to attract the seasonal waterfowl migration of the dabbling-duck population; the objective being to have optimum conditions, within the 18-inches depth, inundate the wetland area. To allow less flexibility, would be detrimental to attracting the desired waterfowl population. As an in-kind action of reciprocity for the INDNR providing an ideal area to create the desired scrub-shrub wetland, the Corps has accommodated the INDNR's need to afford more flexibility towards their future objectives of waterfowl management.

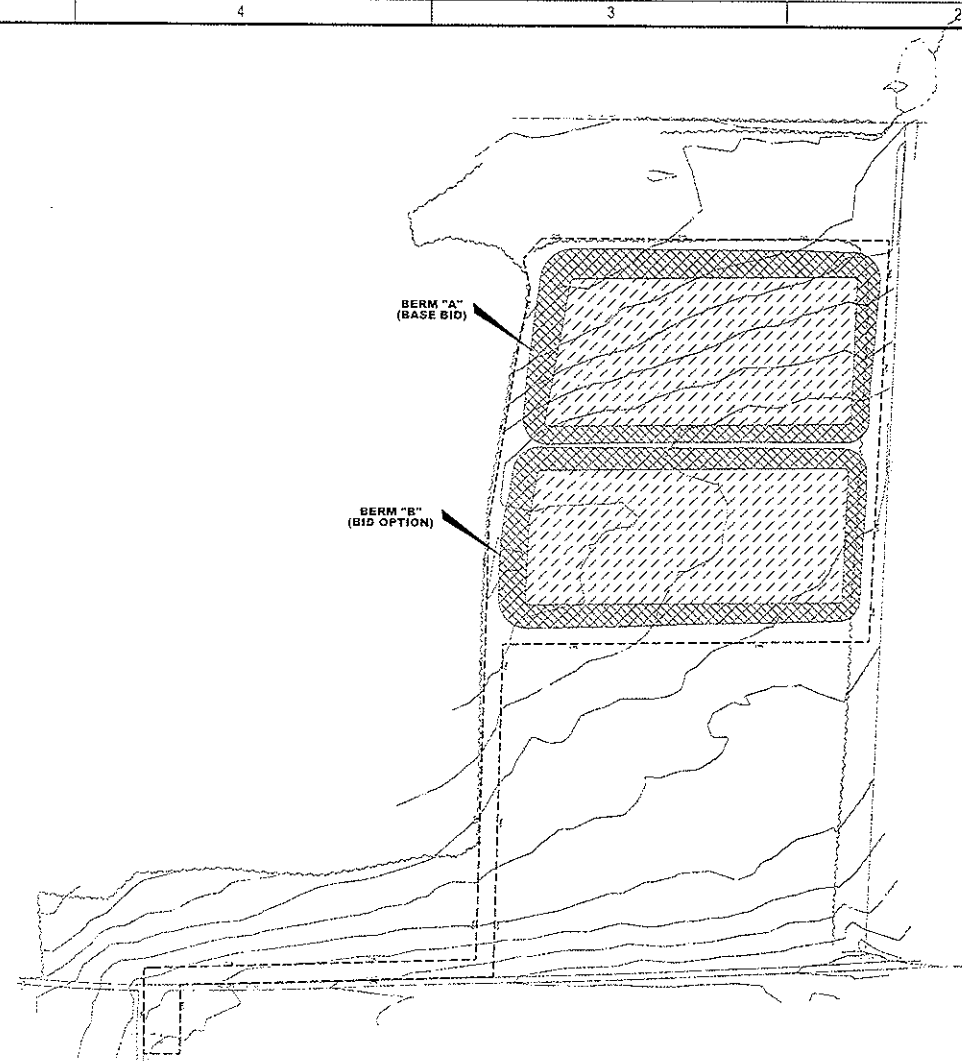
Corps firmly believes under the present local drainage regimes, available hydric soil types, and the designed means of confinement; it is unequivocal that proposed wetland presence will establish a sustained presence meeting or exceeding saturated soil expectancies of 26 continuous days; greater than the 12.5% of the reported 206 days of growing season.

D. Planting Plan:

1. Wetland Compensation: - The wetland basin area will be planted in two-type species of shrubs with a diverse inter-mix of herbaceous species including grasses, sedges, and bur reed will be included to promote habitat diversity and to encourage rapid colonization of target species and minimize potential for invasive/non-target species establishment. The following is the planting schedule:

Common Name	*Botanical Name*	Percent (by Weight)
	Wetland Interior Seeding	
Swamp-rose Mallow	*Hibiscus moscheutos*	*300* stems/acre
Eastern Swamp Privet	*Foresteria acuminata*	*300* stems/acre
Bristly Sedge	Carex comosa	2 oz/acre
Porcupine Sedge	*Carex Hystericina*	2 oz/acre
Virginia Wild Rye	*Elymus virginicus*	64 oz/acre
Riverbank Wild Rye	*Elymus riparius*	12 oz/acre
Fowl Manna Grass	*Glyceria striata*	4 oz/acre
Rice Cut Grass	*Leersia oryzoides*	4 oz/acre
Prairie Cord Grass	*Spartina pectinata*	2 oz/acre
Reddish bulrush	*Scirpus pendulus*	2-4 oz/acre
Flat sedge	*Cyperus odoratus*	2 oz/acre
Branched bur-reed	*Sparganium androdadum*	4 oz/acre
	Berm Seeding	
Viginia Wild Rye	*Elymus virginicus*	2 lb PLS/acre
Riverbank Rye	*Elymus riparius*	1 lb PLS/acre
Big bluestem	*Andropogon gerardi*	1 lb PLS/acre
Switchgrass	Panicum virgatum	0.5 lb PLS/acre
	Temporary Seeding	
Common Oats	*Avena sativa*	512 oz/acre
Annual Rye	Lolium multiflorum	240 oz/acre

*** SAFETY PAYS ***



LEGEND

BERM SEEDING

INTERIOR WETLAND SEEDING

NOTE:

AREAS DELINEATED SHALL BE SEEDED AND PLANTED PER SPECIFICATION 32 92 19 SEEDING.

	BERM SEEDING	INTERIOR SEEDING
WETLAND A	APPROX. 1.3 ACRES	APPROX. 3.0 ACRES
WETLAND B	APPROX. 1.15 ACRES	APPROX. 3.0 ACRES

N

SCALE: 1" = 80'

U.S. Army Corps of Engineers Louisville

OVERALL LANDSCAPING PLAN

Designed by: L. WEILBAKER
Dwn by: C. ROBINSON
Ckd by: B. DORSCH
EDWARD VINCENT, P.E.
Date: MARCH 2010

OHIO RIVER
J.T. MYERS LOCKS AND DAM
LOCKS IMPROVEMENT PROJECT
UPPER BANK MODIFICATIONS
WETLAND RESTORATION

Sheet reference number:
LP001
Sheet 13 of 2?

*** SUPPORT VALUE ENGINEERING - IT PAYS ***

DATE: 26-FEB-2010 10:10

FINAL SUBMITTAL